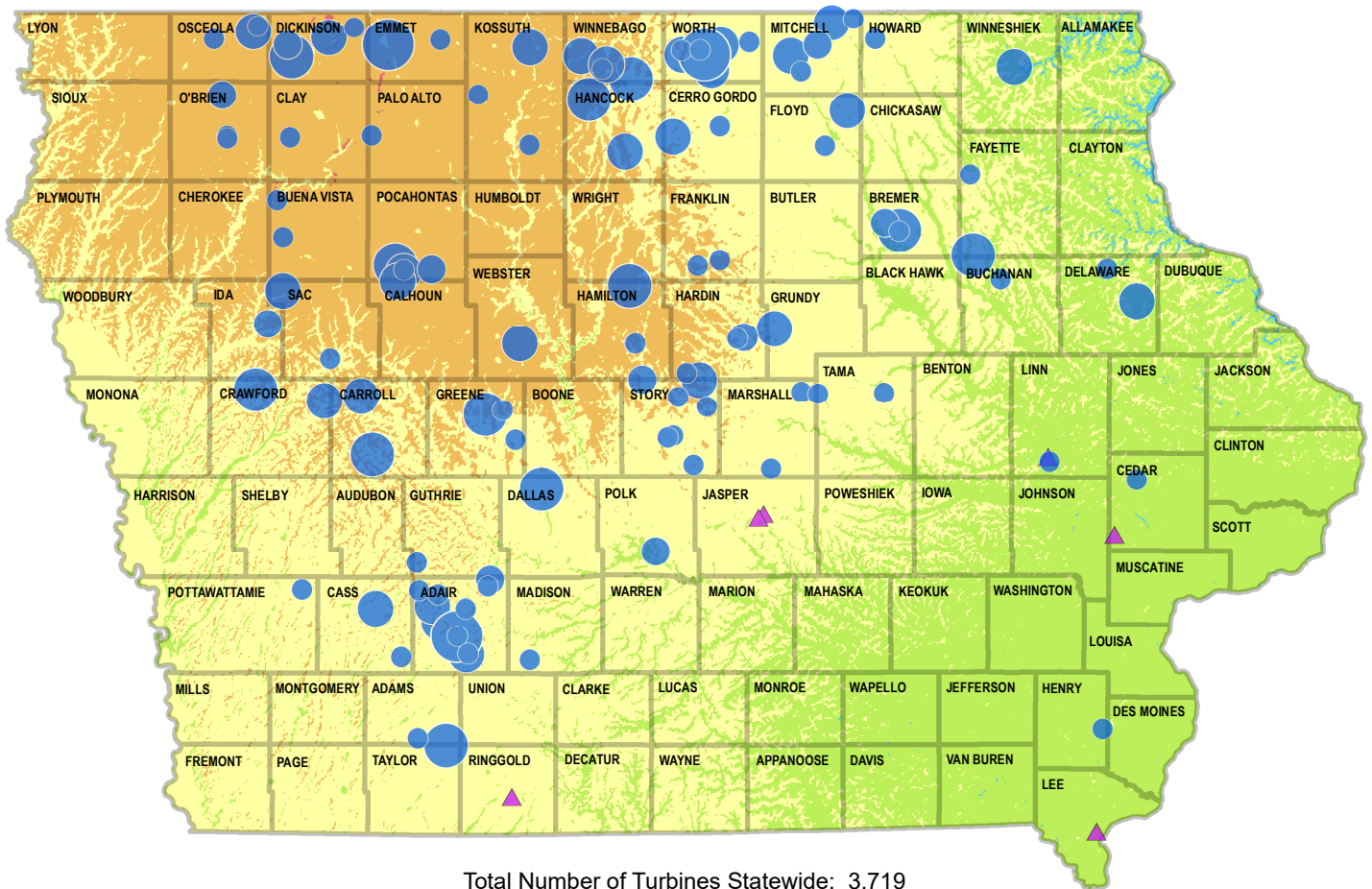


# IOWA WIND FARM CAPACITY WITH WIND RESOURCE POTENTIAL – MAY 2016



Total Number of Turbines Statewide: 3,719  
Total Generating Capacity: 6,365 MW

## NOTES:

- 1) Generating capacity in the map includes 609 megawatt (MW) under construction as of May 2016. These figures are not included in the total generating capacity above.
- 2) Iowa is the national leader in wind energy installations and manufacturing. Iowa is the top state in the nation for the percentage of electricity generated by wind energy at 35.8%.
- 3) Iowa's installed wind generators can produce enough power to provide electricity to nearly 1.6 million average-sized homes.
- 4) Iowa has six primary manufacturers and more than 90 other companies that are associated with the industry.
- 5) According to data from the National Renewable Energy Laboratory, Iowa ranks seventh as the best wind resource in the U.S. Iowa's wind potential is capable of meeting more than 44 times the state's current electricity needs.

## Wind Resource Potential at a 50-Meter Height

- Poor (0-150)
- Marginal (151-250)
- Fair (251-350)
- Good (351-450)
- Excellent (451-550)

## Wind Farms by MW Capacity

- 0 - 25
- 26 - 50
- 51 - 150
- 151 - 300
- 301 - 495
- ▲ Major Manufacturer

Sources: Iowa Economic Development Authority, Iowa Wind Energy Association, National Renewable Energy Lab, Department of Natural Resources, LSA Calculations

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